

August 8, 2008

TO: Members of the MAG Management Committee

FROM: Dean Giles, Air Quality Planning Program Specialist

SUBJECT: PM-10 CERTIFIED STREET SWEEPER PROJECTS FOR FY 2009 CMAQ FUNDING

The Maricopa Association of Governments is soliciting PM-10 Certified Street Sweeper Projects from member agencies in the Maricopa County PM-10 Nonattainment Area for FY 2009 federal Congestion Mitigation and Air Quality Improvement (CMAQ) funding. The purchase of PM-10 Certified Street Sweeper Projects supports the committed measure "Sweep Street with PM-10 Certified Street Sweepers" in the MAG 2007 Five Percent Plan for PM-10. The purpose of the PM-10 certified street sweeper program is to reduce particulate emissions reentrained by vehicles traveling on paved roads.

Throughout the past year, several MAG Working Group meetings with member agencies have been held on Draft MAG Federal Fund Programming Principles. These Programming Principles will be used to guide the competitive project selection process for the PM-10 Certified Street Sweeper Projects for FY 2009 CMAQ Funding. On August 11, 2008 a workshop on the MAG Transportation Programming and Federal Fund Project Applications is planned to be followed by two application working group meetings. The project application form (Attachment One), details about the application workshop and open application working group meetings are available at www.maricopa.gov/project.cms?item=413. **Signed project applications for PM-10 Certified Street Sweeper Projects for FY 2009 CMAQ funding are due to MAG by 12:00 p.m. Noon, on September 19, 2008.** Late applications will not be accepted.

The FY 2009 Unified Planning Work Program and FY 2008-2012 MAG Transportation Improvement Program, approved by the MAG Regional Council on July 25, 2007, identifies \$1,210,000 in CMAQ funding to purchase PM-10 Certified Street Sweepers. A minimum local cash match of 5.7 percent on the CMAQ eligible portion of the project is required.

Project requests should include PM-10 Certified Street Sweepers which meet South Coast Air Quality Management District Rule 1186 certification standards. The current list of Rule 1186 Certified Street Sweepers, dated July 9, 2004, is provided in Attachment Two. Please attach a detailed price summary from the vendor that itemizes the equipment features for the proposed sweeper project. Additional costs for equipment beyond the specifications necessary for compliance with Rule 1186-certification are not eligible for reimbursement. Examples of ineligible equipment are provided in Attachment Three. A separate form should be completed for each PM-10 certified street sweeper requested.

MAG staff will estimate the emissions reduction for each sweeper project in accordance with federal CMAQ guidance, and cost-effectiveness based on the amount of CMAQ funding requested. The methodology to calculate the emissions reduction and cost-effectiveness is currently being updated to be consistent with the methodology used in the MAG 2007 Five Percent Plan for PM-10. The cost-effectiveness for each sweeper project will be used to rank order the eligible candidates for CMAQ funding.

In general, the methodology estimates air quality benefits from PM-10 certified street sweepers based on the reduction in reentrained dust emitted from vehicles traveling on the roadway. PM-10 certified street sweepers may be eligible for CMAQ funding if they replace a noncertified sweeper, replace an older certified street sweeper, increase the frequency of sweeping, and/or expand the area swept in the PM-10 nonattainment area.

The MAG Street Committee will initially review the project applications for data completeness in October 2008. Any additional data requested at the first Street Committee meeting will be provided at a second Street Committee meeting tentatively set for November. The MAG Air Quality Technical Advisory Committee may make a recommendation to forward a ranking of the sweeper projects on December 11, 2008. The recommendation may be considered in January 2009 by the MAG Management Committee and MAG Regional Council.

It is anticipated that the project ranking would be retained for any additional CMAQ funds that may become available to the region in FY 2009. After Regional Council approval of funded projects, MAG will issue a formal notification to proceed with the purchase of the street sweeper in a letter to the project sponsor. It is important to note that the Federal Highway Administration has advised MAG that the procurement of CMAQ funded street sweepers should proceed after funding has been authorized by the MAG Regional Council.

If there are questions regarding the form or process, please contact me at (602) 254-6300.

Attachments

cc: Public Works Directors
Intergovernmental Representatives